

**Notice of Allowability**

Application No.

10/612,874

Examiner

Kevin Quarterman

Applicant(s)

JUN ET AL.

Art Unit

2879

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 31 March 2006.
2. ☒ The allowed claim(s) is/are 1,3-6,8-13,15-19,21-24,26,27,30,32-35,37-41 and 46-54.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance  |
|   | 9. <input type="checkbox"/> Other _____   |

**DETAILED ACTION**

***Response to Amendment***

1. Applicant's amendment and remarks received on 31 March 2006 have been entered and overcome the objection to claim 25 and the rejections under 35 U.S.C. § 112.

***Election/Restrictions***

2. Claims 1, 3-6, 8-13, 15-19, 21-27, 30, and 32-41 are directed to an allowable product. Pursuant to the procedures set forth in MPEP § 821.04(B), claims 46-54, directed to the process of making or using an allowable product, previously withdrawn from consideration as a result of a restriction requirement, are hereby rejoined and fully examined for patentability under 37 CFR 1.104.

3. Because all claims previously withdrawn from consideration under 37 CFR 1.142 have been rejoined, the restriction requirement as set forth in the Office action mailed on 01 November 2005 is hereby withdrawn. In view of the withdrawal of the restriction requirement as to the rejoined inventions, applicant(s) are advised that if any claims including all the limitations of an allowable product claim or rejoined process claim are presented in a continuation or divisional application, such claims may be subject to provisional statutory and/or nonstatutory double patenting rejections over the claims of the instant application. Once the restriction requirement is withdrawn, the provisions of 35 U.S.C. 121 are no longer applicable. See *In re Ziegler*, 443 F.2d 1211, 1215, 170 USPQ 129, 131-32 (CCPA 1971). See also MPEP § 804.01.

***Allowable Subject Matter***

4. Claims 1, 3-6, 8-13, 15-19, 21-27, 30, 32-41, and 46-54 are allowed.

5. The following is an examiner's statement of reasons for allowance: In the remarks received 31 March 2006, applicant argues that neither Isohata (US 6,288,489) or Ebihara (US 6,794,026) teaches a porous pad having a percentage amount of silicon being greater than a percentage amount of foam agent. Applicant's arguments are persuasive.

6. Thus regarding independent claim 1, the prior art of record neither shows or suggests a plasma display panel comprising, in addition to other limitations of the claim, a porous pad made of a material including silicon and a foam agent, wherein a percentage amount of silicon is greater than a percentage amount of the foam agent. Due to their dependency upon independent claim 1, claims 3-6 and 8-12 are also allowable.

7. Regarding independent claim 13, the prior art of record neither shows or suggests a plasma display panel comprising, in addition to other limitations of the claim, a porous pad made of a material including silicon and a foam agent, wherein a percentage amount of silicon is greater than a percentage amount of the foam agent. Due to their dependency upon independent claim 13, claims 15-19 and 21 are also allowable.

8. Regarding independent claim 22, the prior art of record neither shows or suggests a plasma display panel comprising, in addition to other limitations of the claim, a porous pad made of a material including silicon and a urethane foam, wherein a

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percentage amount of silicon is larger than a percentage amount of urethane foam.

Due to their dependency upon independent claim 22, claims 23-24 and 26-27 are also allowable.

9. Regarding independent claim 30, the prior art of record neither shows or suggests a plasma display panel comprising, in addition to other limitations of the claim, a porous pad made of a material including silicon and a foam agent, wherein a percentage amount of silicon is greater than a percentage amount of the foam agent.

Due to their dependency upon independent claim 30, claims 32 and 33 are also allowable.

10. Regarding independent claim 34, the prior art of record neither shows or suggests a plasma display panel comprising, in addition to other limitations of the claim, a porous pad including silicon mixed with a foam agent, wherein a percentage amount of silicon is greater than a percentage amount of the foam agent. Due to their dependency upon independent claim 34, claims 35 and 37-38 are also allowable.

11. Regarding independent claim 39, the prior art of record neither shows or suggests a plasma display panel comprising, in addition to other limitations of the claim, a porous pad including a urethane foam and a silicon material, wherein a percentage amount of silicon material is greater than a percentage amount of the urethane foam.

Due to their dependency upon independent claim 39, claims 40 and 41 are also allowable.

12. Regarding independent claim 46, the prior art of record neither shows or suggests a method of manufacturing a plasma display panel comprising, in addition to

other limitations of the claim, attaching a porous pad to a rear frame, the porous pad being made by mixing a silicon material with a foam agent, wherein the concentration of the silicon material is greater than the concentration of the foam agent. Due to their dependency upon independent claim 46, claims 47-54 are also allowable.

13. The subject porous pad described earlier is provided for minimizing noise/vibration and conducting heat provided at the display panel. The design is new and unique to the art.

14. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

**Contact Information**

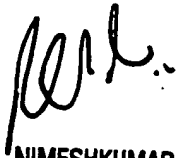
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Quarterman whose telephone number is (571) 272-2461. The examiner can normally be reached on M-TH (7-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel can be reached on (571) 272-2457. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kevin Quarterman  
Examiner  
Art Unit 2879

kq   
5 June 2006

  
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SUPERVISORY PATENT EXAMINER  
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